

AMENDMENTS TO THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

16. (Currently amended) A method for the regeneration of denox ~~catalysts~~ catalyst with reduced activity based on the accumulation of phosphorous and phosphorous compounds, comprising the steps of

(i) treating the ~~catalysts with a~~ catalyst in the presence of a substantially aqueous solution of water-soluble, alkalinely reacting alkaline earth salts, ammonium hydroxide or alkalinely reacting ammonium salts or water-soluble organic amines with a ~~pH between approximately 2.5 and 5.5~~ an ultrasonic treatment or low-frequency oscillations, and

(ii) neutralizing ~~excess alkali~~ by a subsequent treatment with inorganic or organic acids to regenerate the denox catalyst, and

~~(iii) treating the catalyst with an ultrasonic treatment or treating the catalyst with low-frequency oscillations in the reaction solution, so that regeneration of the denox catalysts is effected.~~

17. (Previously presented) The method according to Claim 16, wherein the water-soluble alkalinely reacting alkaline earth salts, ammonium hydroxide or alkalinely reacting ammonium salts or water-soluble organic amines alkaline earth hydroxides or water-soluble salts are selected from the group consisting of acetates, carbonates or oxalates, ammonium acetate, ammonium carbonate, ammonium oxalate or amines, and methylamines.

18. (Canceled).

19. (Currently amended) The method of ~~claim 18~~ claim 16, wherein the ~~water-soluble salts of~~ organic or inorganic acids are selected from the group consisting of phosphoric acid, sulfuric acid, oxalic acid, citric acid, malonic acid, formic acid, acetic acid, tartaric acid,

chloroacetic acid, benzene sulfonic acid and sulfanylic acid.

20. (Currently amended) The method according to Claim 16, which comprises the further step of adding anionic, cationic, amphoteric, non-ionic or zwitterionic surfactants ~~are added~~ to the alkaline treatment solution of step (i) and to the acidic treatment solution of step (ii).

21. (Previously presented) The method according to Claim 20, wherein the surfactants are used in amounts between .01 to 0.1 weight percent.

22. (Previously presented) The method according to Claim 16, wherein step (i) takes place at temperatures ranging between room temperature to 100°C.

23. (Canceled)

24. (Currently amended) The method according to ~~Claim 23~~ Claim 16, wherein the catalyst is moved during treating by lifting and/or the ~~reaction solutions are~~ aqueous solution is maintained in movement by agitation or recirculation.

25. (Previously presented) The method according to Claim 16, wherein the low-frequency oscillations are used with 20 to 1000 Hz and ultrasound is used with 10,000 to 100,000 Hz.

26. (Previously presented) The method according to Claim 25, wherein the ultrasound is used with from approximately 20,000 to 50,000 Hz.

27. (Canceled)

28. (Previously presented) The method according to Claim 16, which comprises the further step or steps of subjecting the catalyst to a mechanical pretreatment to remove fine dust, and/or subjecting the catalyst to a pretreatment with water.

29. (Previously presented) The method according to Claim 16, which comprises the further step after step (ii) of washing the catalyst with water and drying the catalyst.

30. (Previously presented) The method according to Claim 29, which comprises the further step after washing the catalyst with water and drying the catalyst, of re-impregnating the activator elements with water-soluble compounds.